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DESCRIPTION – FIGS 1-81 PREFERRED EMBODIMENT

A preferred embodiment of the case of the present invention is illustrated on Sheet 1 (middle view). These sections are two parts of a three-part system. The top part is the solar panel on one side and the display screen on the other. The outside housing (34) of the top part has solar panels (35) center of solar panel (rear view). There is a raised, bubbled edge (36) that protects the solar panel from damage. Also, embedded in the edge is a power light indicator (38). On the opposite side of the solar panel, there is a low profiled edge that fits tightly, but protects the display screen when disconnected from the middle. Sheet two (2) shows all three sections, the top, middle, and bottom. On Sheet 17, at the bottom of the top section are the hinges to the case (41). These pieces are held together with interlocking hinges (43). These hinges will allow each section of the case to open and close. Also, they will allow each unit to be disconnected independently for convenience and accessibility. These hinges will allow for the interchangeable position for the display screen so it may be utilized as a tablet. The next section is the flap (50). The flap is used for accessibility to the plug-in cable connections, when not in use. It also leaves a streamline view of the case.

At the bottom of the case are retractable feet (41). The feet will have a spring on the center, circular piece to help pull them to the unit. The outer part of the feet will have an angular part that will fit on the bottom to hold the feet in place.

On the inner low profiled edge are the controls to the display screen and light indicators (37), which set slightly lower than the protective edge. The display screen can operate as a whole or can be broken up into two single responding screens, which can operate independently (38 & 39).

There are two types of mountings for the display screen: (1) the rubber mounting unit, and (2) the metal mounting unit. On the outside of the back section of the solar panel is where the mounting frame is located. Next to the outer back section (18) is a rubber piece (19) held by a metal frame with metal screws to actually hold the display screen in place. And, on the display side is the face covering (21) to the display screen, which is perforated (22) to accommodate the display screen size. The other Liquid Crystal Display Mounting Unit (31) contains a frame that moves horizontally on a tract (27) and is tightened by screws (23.

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brackets (22 & 28). There is a face cover (33) with knockout sections (32) to house the display screen (30).

The middle section has a handle (1) that retracts into the case. Illustrations 47, 48, & 49 are different views of the handle. There is a space to the left and right of the handle, which has knockout panels (6). The top is the area in which most of the input devices are mounted. The top can be lifted up to have access to the inside (16). Underneath the top, at the bottom of the case, one or more boards can be mounted (43). Also, there is an area where one or more daughterboards or one or more expansion slots (11, 12, 13, & 14) can be placed. The case, from the bottom, has two mice (2) to use in controlling the display unit. Also, there are two speakers (3) at the bottom, connected to the bottom lid.

The next section is the keyboard (4 & 5). The keyboard (4) on the right of the console will be stationary. The keyboard on the left (5) will be removable and will work by Radio Frequency. The left keyboard will have a built-in mouse or tracker ball. The next part on the console will be the Liquid Crystal Display (7 & 9) with indicator lights (8 & 10). The inside of the middle section is where the motherboards for the units will be housed and the Micro Computer Integrated Card Industry Association (44) will be placed. This unit will house circuit boards, some small batteries, and plug-in-place slots inside (11, 12, 13, & 14). There is a single profile indicating how the speakers and mice will set on the top panel (17). There is one other section that is ventilated, the middle (53) section. This section will have a small fan to pull heat from the electronic boards and small ventilation holes in front so air can circulate. In the back where this ventilation fan is located (56), there will be an opening entrance with a door that closes to hide the plug-in connections (55). One other part, which is the antenna (54) is connected on the back. Illustration (57) is a streamline section of the rear of the case where it fits together.

There is a locking apparatus to set the distance on the end pieces (63). These end pieces can only be pulled out to a certain point and then will lock in place.

In order to hold everything in place, screws can be placed from the bottom (48). These screws will hold mostly the mounting board (15), but can hold other components directly. The board that sets in the bottom has holes that have grooves. A notch screw fits into the holes and twists to lock them. These are shown in (60, 61, & 62). Figures (58 & 59) will give you a better concept of the mounting board and screw.

The entire network is composed of several key areas that is given in a generalized flow chart of the system's network. This will explain the use with this and other flow charts of the component placement and configuration within the case (65).

The peripheral holes are covered with slide-out panels (66). The slide-out panels are for the covers that are removable from the bay fittings (67). The bay that houses the slide-out panels also slide out for sizing large components, with rubber, to give close fitting around components. The expandable, hybridized case, which means two or more different types of components coming together as one, accepts placement and spacing of traditional computer parts, laptop parts, and digital controller boards, that fit in the case with expandable, sliding drawers, for larger and different component housing (68). There is, also, a liquid cooling system with a miniature fluid pump rotating through capillaries to fins in heat sinks in top and bottom sections of the case (69). This section has temperature control monitoring to cool the inside of the case in sections, which is achieved in sections by a plastic film that is either horizontal or vertical, to separate the different sections for desired temperatures in the middle and bottom casing section. One of the main sections of the casing is the power supply, which is composed of Direct Current to Alternating Current inverters and Alternating Current to Direct Current converters for different power needs, with indicators to show power display (70). Computer components operate together to vary the functions through switching of circuits, operating singularly or networking together in parallel, to control peripherals, digital circuits, and analogue circuits (71). Also, there is an interconnecting interface to allow all computers to connect to other computers in the case (72). Another section is the detachable software, which we refer to as firmware for clarity. This is removable, embedded, software, or as stated, firmware (73). This display system and its interactive presentation can be interfaced with a stylus light pen (74). Other input devices such as the two keyboards and the third mouse, which is smart enough, can allow for multi-interfacing functions (75). The top display lid has solar panels, which are angular in geometry to increase the surface area in a given space (76). Also, on the sides of the top display lid, there are simple, inner-connecting hinges that lock to additional, adjoining, solar panels (77). The mounting board, spoken of previously, is flexible enough to allow for a multi-facet of spacing and connectivity of components, which may be joined together either singularly or in a parallel union (78).

Reference Numerals in Drawings

1	Handle
2	Mice
3	Speakers
4	Right Keyboard
5	Left Keyboard
6	Knockout Panels
7	Right Display Screen
8	Left Light Indicators
9	Left Display Screen
10	Right Light Indicator
11	Plug-In Play Slots (right)
12	Plug-In Play Slots (left)
13	Plug-In Play Slots (left, right, & rear)
14	Plug-In Play Slots (rear)
15	Mounting Board
16	Lifting Lid
17	Top Lid (side view)
18	Back Housing to Display Screen
19	Metal Frame
20	Mounting Plate & Screws for Rubber Restrainer
21	Front Cover for Rubber Display
22	Perforated Section for Front Rubber Cover Display
23	Holding Screws
24	Bracket Mount
25	Vertical Arm for Mount
26	Holding Screws
27	Horizontal Tract
28	Bracket Mount
29	Holding Screw
30	Area to Housing Display Screen
31	Sliding Mounting Unit (Rear Cover)
32	Perforated Section for Sliding Mounting Unit
33	Outer Facing Cover for Sliding Mounting Unit
34	Outside Housing for the Bubbled Edge of Rear Display Unit
35	Solar Panel (Center of & Rear View)
36	Inner Bubbled Edge
37	Lighting Indicators
38	Power Light Indicator
39	Right Side of Display Screen
40	Left Side of Display Screen
41	Retractable Feet
42	Hinges
43	Mounted Motherboards
44	MCICIA Card Slot
45	Left Expansion Drawer
46	Right Expansion Drawer
47	Retracting Handle (Side View)
48	Retracting Handle (Top View)

49	Retracting Handle (Alternate View)
50	Access Flap
51	Ventilation Holes
52	Bottom Mounting Screws
53	Back View of Middle Section
54	Antenna
55	Plug-In Connection & Flap
56	Ventilation Fan
57	Back Section of Case
58	Mounting Board
59	Mounting Screw
60	Mounting Holes on Board
61	Close-up View of Mounting Holes on Board
62	Close-up View of Mounting Holes
63	Locking Apparatus for Expandable Drawer
64	Plug-in Play Slots